

Docket No.: 66228(53730)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Claus H. Christensen et al.

Application No.: 10/593,519

Confirmation No.: 1406

Filed: September 19, 2006

Art Unit: N/A

For: USE OF AN AMMONIA STORAGE
DEVICE IN PRODUCTION OF ENERGY

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicant(s) have become aware references AA-AD and BA, cited in an International Search Report issued February 23, 2006, during the prosecution of international application no. PCT/DK2005/000196, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit(s) these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form SB/08, and a copy of the International Search Report is enclosed as well.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 66228(53730).

Dated: 8 Feb '07

Respectfully submitted

By 

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/593,519
				Filing Date	September 19, 2006
				First Named Inventor	Claus H. Christensen
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	66228(53730)

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
	AA	US-20030219371	11-27-2003	Amendola		
	AB	US 4,848,994	7-18-1989	Rockefeller et al.		
	AC	US-20010053342	12-20-2001	Marko et al.		
	AD	US 20010042378	11-22-2001	Pfister ey al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	FR-1 421 033	12-10-1965	Gouvernement Des Etats- Unis D'Amerique Represente Par L'Administration		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CA	Liu et al., "Ammonia Absorption on Alkaline Earth Halides as Ammonia Separation and Storage Procedure", Bull. Chemical Society of Japan 77. 123-131 (2004).		
	CB	Wojcik et al., "Ammonia as a fuel in solid oxide fuel cells", Journal of Power Sources 118 (2003) 342-348.		
	CC	Hoogers, "1 Introduction", Trier University of Applied Sciences, Umwelt Campus Birkenfeld, 2003 by CRC Press LLC.		
	CD	Lackner, "Carbonate Chemistry for Sequestering Fossil Carbon", Annu. Rev. Energy Environ, 2002. 27:193-232.		
	CE	Schlapbach et al., "Hydrogen-storage materials for mobile applications", Nature, Vol 414, 15 November 2001, pp 353-358.		
	CF	"Handbook of Fuel Cells", Fundamentals, Technology and Applications, Edited by Vielstich et al., Volume 4, Fuel Cell Technology and Applications Part 2, 2003 John Wiley & Sons Ltd. ISBN: 0-471-49926-9.		
	CG	Metkemeijer et al., "Comparison of Ammonia and Methanol Applied Indirectly in a Hydrogen Fuel Cell", Int. J. Hydrogen Energy, Vol. 19, No. 6, pp. 535-542, 1994.		
	CH	Kordesch et al., "Alkaline fuel cells applications", Journal of Power Sources 86 (2000) 162-165.		
	CI	Chellappa et al., "Ammonia decomposition kinetics over Ni-Pt/A12O3 for PEM fuel cell applications", Applied Catalysis A: General 227 (2002) 231-240.		
	CJ	Schlogl, "Catalytic Synthesis of Ammonia-A "Never-Ending Story"?", Angew. Chem. Int. Ed. 2003, 42, 2004-2008.		
Examiner Signature				Date Considered

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CK	Liu et al., "Absorption and Desorption Behavior of Ammonia with Alkali Earth Halide and Mixed Halide", Chemistry Letters 2002, pp. 798-799.	
	CL	Holladay, et al., "Microfuel processor for use in a miniature power supply", Journal of Power Sources 108 (2002) 21-27.	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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